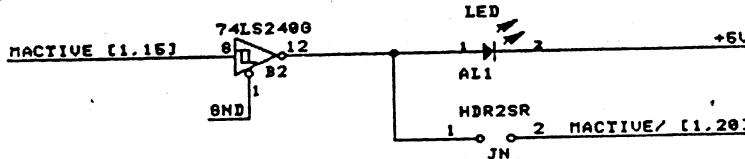
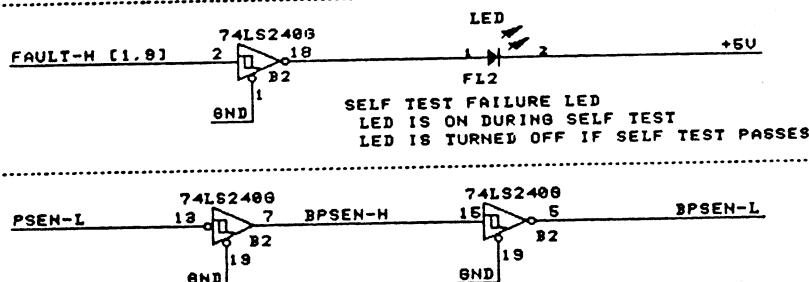


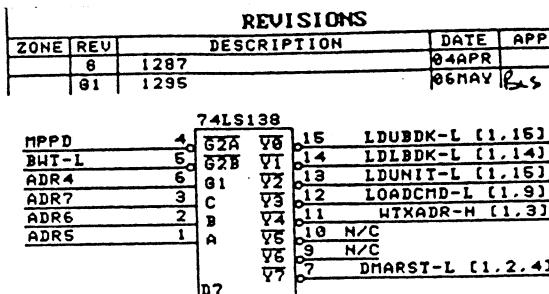
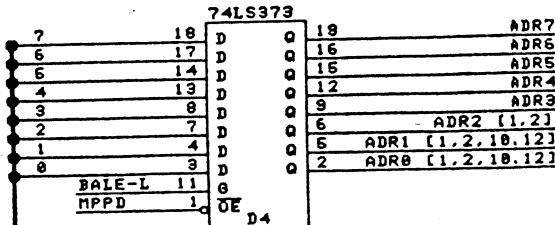
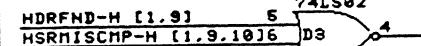
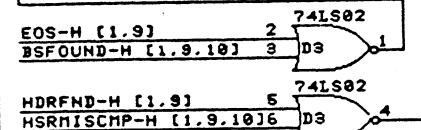
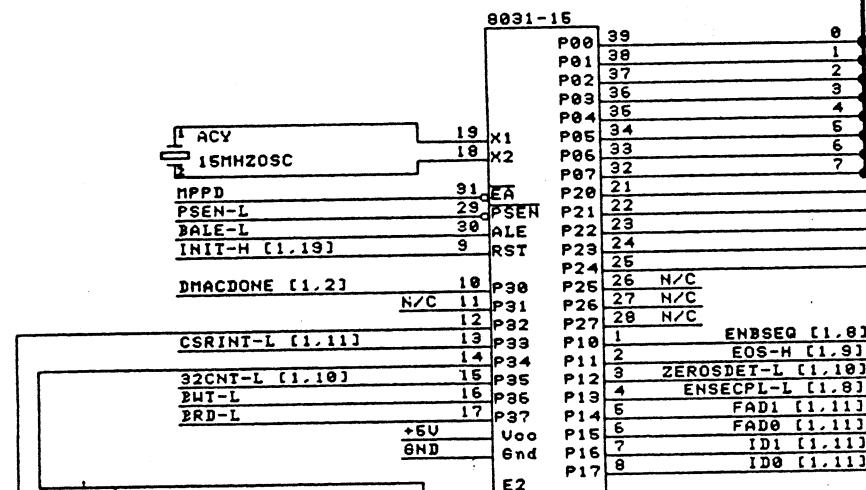
UNIT ACTIVE LED  
LED IS ON WHEN CONTROLLER IS BUSY  
LED IS OFF WHEN CONTROLLER IS IDLE



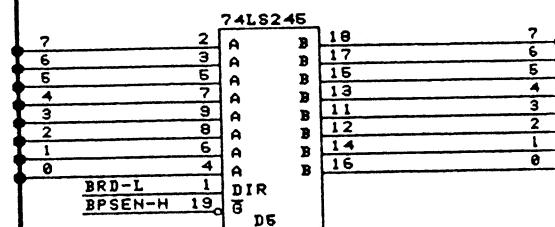
UNIT ACTIVE JUMPER  
INSTALL FOR UNIT ACTIVE STATUS  
ON CONNECTOR PIN P2-42



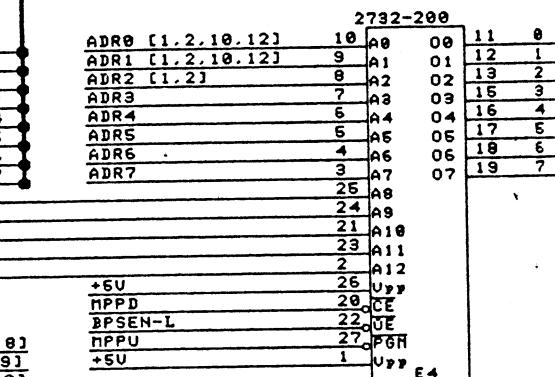
SELF TEST FAILURE LED  
LED IS ON DURING SELF TEST  
LED IS TURNED OFF IF SELF TEST PASSES



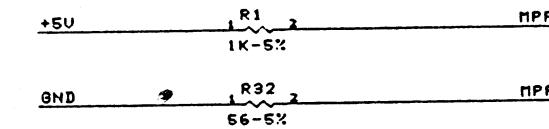
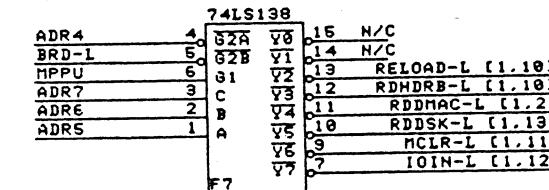
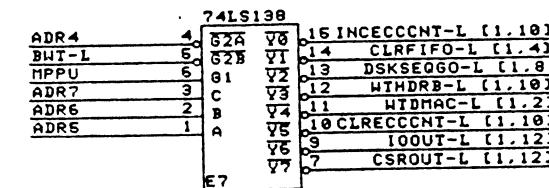
IDB [1.2, 3, 9, 10, 12, 13, 14, 15]



AD



EPROM CAN BE EITHER 2764-200ns OR 2732A-200ns



|                        |             |                |
|------------------------|-------------|----------------|
| DRAIN                  | 08 MAY 86   | XYLOGICS, INC. |
| CHECKED                | 08 MAY 86   |                |
| ENGR APPD              | PLS         |                |
| TITLE 451              |             |                |
| MICROPROCESSOR & EPROM |             | REU            |
| SIZE                   | DRAWING NO. |                |
| B                      | 300-168-400 |                |
| PROJ MNBR              | GP          |                |
| SHEET 1 OF 21          |             | LEVEL 2        |

1

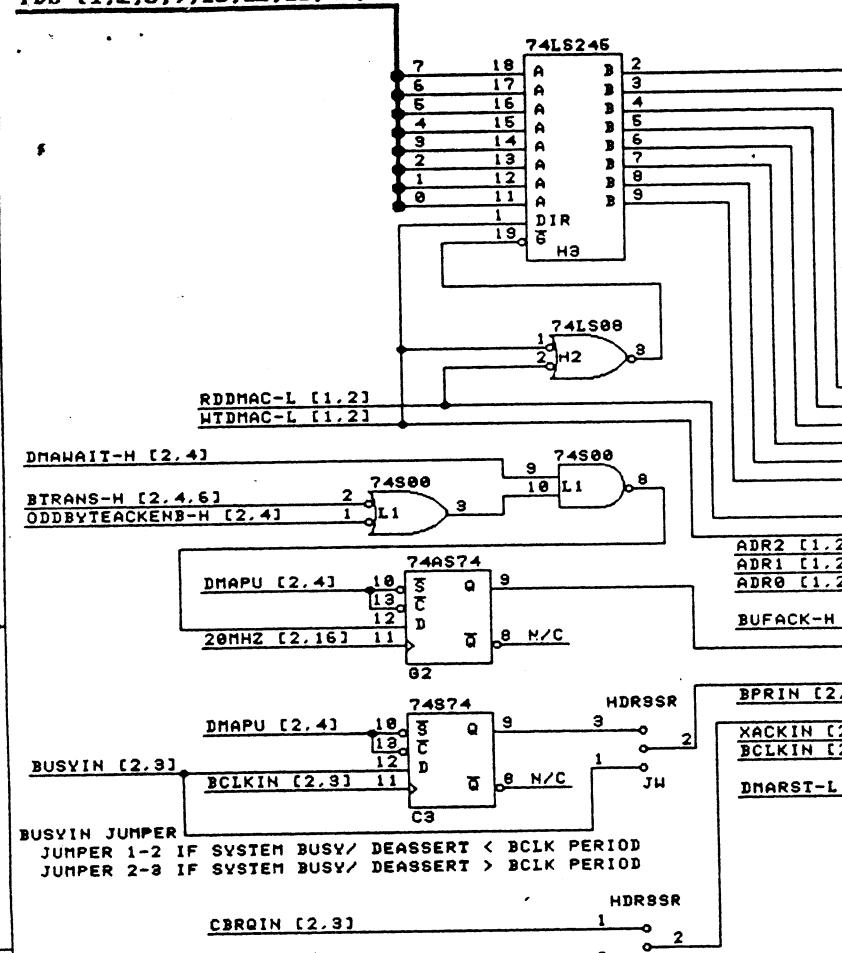
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714

IDB [1,2,3,9,10,12,13,14,15]

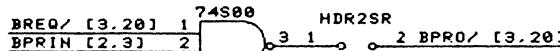
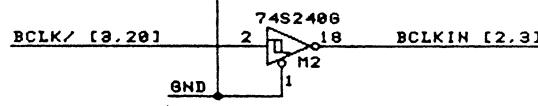
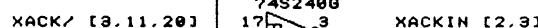
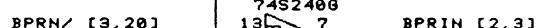
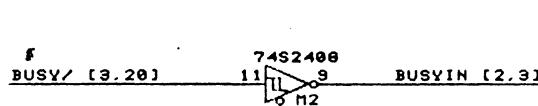


## MULTIBUS CONTROL SIGNAL RECEIVERS

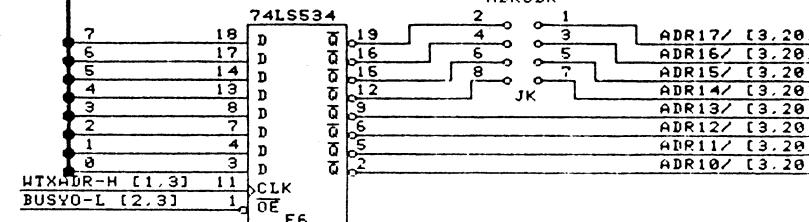
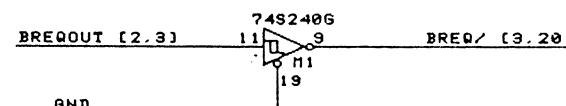
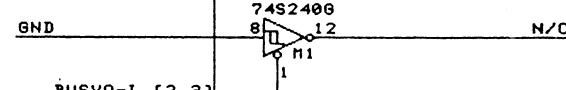
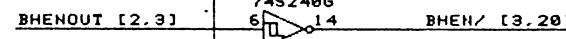
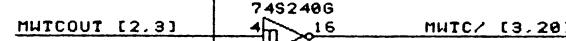
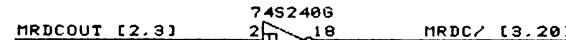
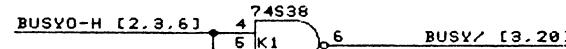
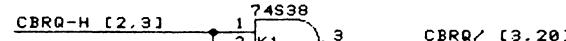
## MULTIBUS CONTROL SIGNAL DRIVERS

## MULTIBUS ADDRESS BUS DRIVERS

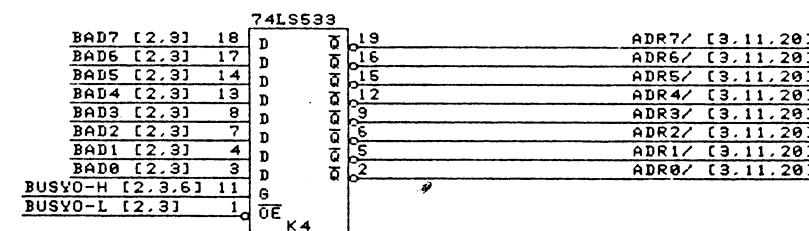
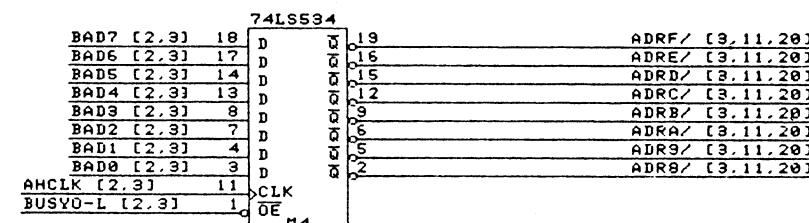
IDB [1,2,3,9,10,12,13,14,15]



BUS PRIORITY OUT JUMPER  
INSTALL JUMPER FOR SERIAL PRIORITY RESOLUTION  
REMOVE JUMPER FOR PARALLEL PRIORITY RESOLUTION



EXTENDED ADDRESS JUMPERS  
INSTALL JUMPERS FOR 24 BIT ADDRESSING  
REMOVE JUMPERS FOR 20&16 BIT ADDRESSING

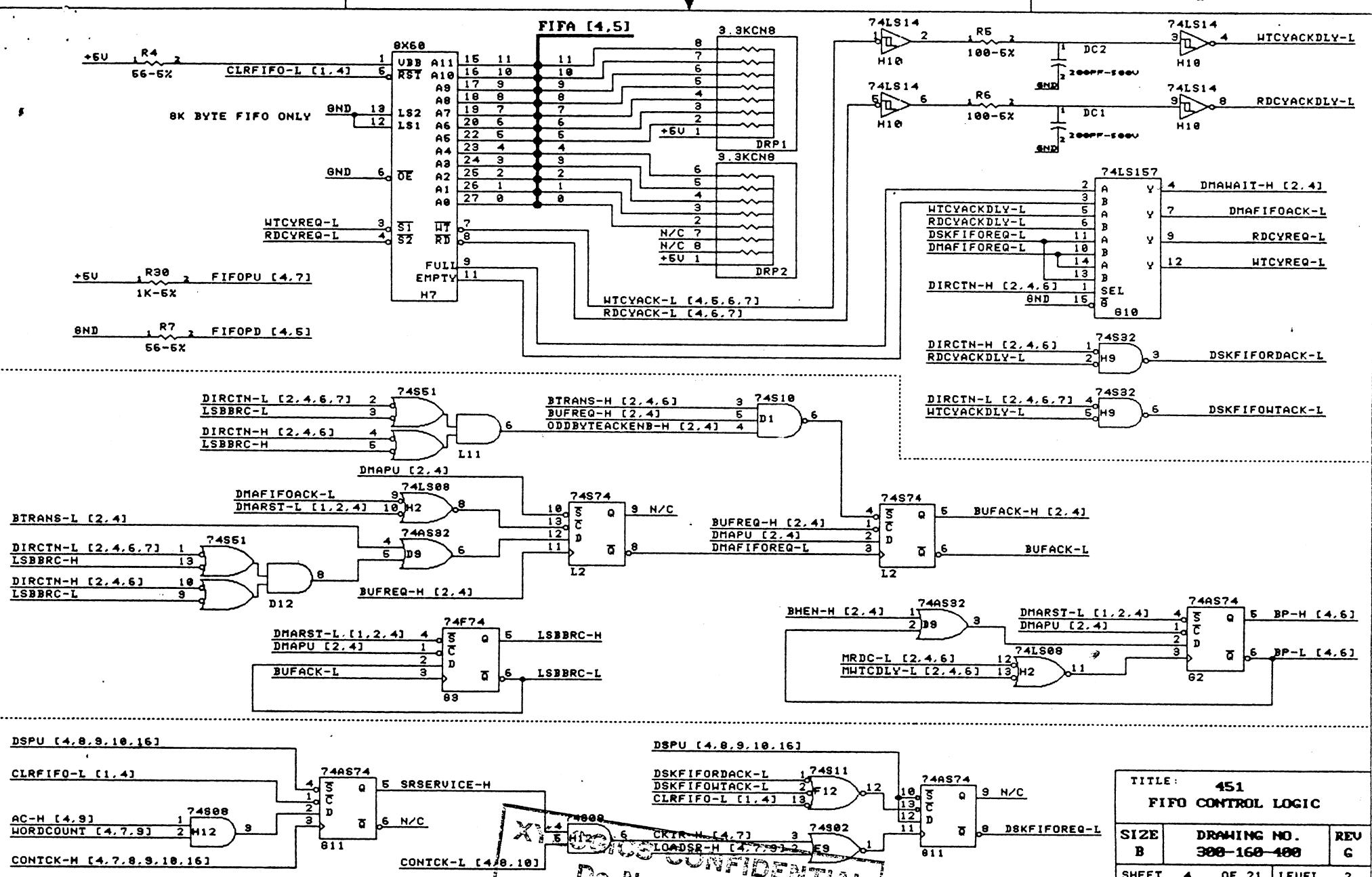


TITLE: 451  
DMA MULTIBUS INTERFACE

|               |                         |         |
|---------------|-------------------------|---------|
| SIZE B        | DRAWING NO. 300-160-400 | REV G   |
| SHEET 3 OF 21 |                         | LEVEL 2 |

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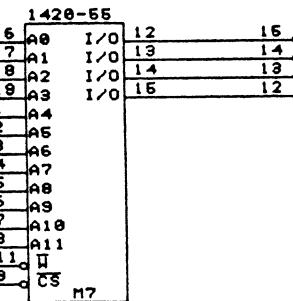
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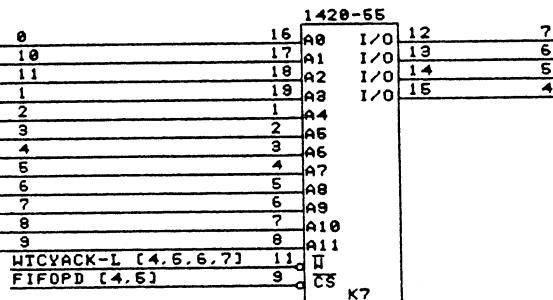
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FIFA [4,5]

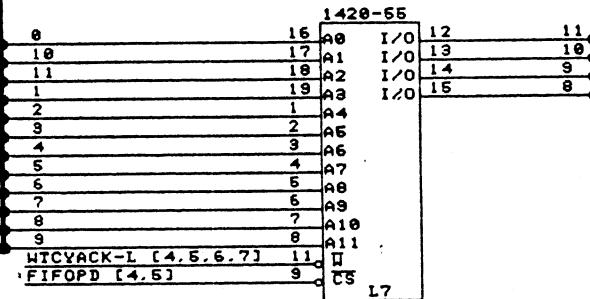
+5U C87 2 GND  
.047uF-50U



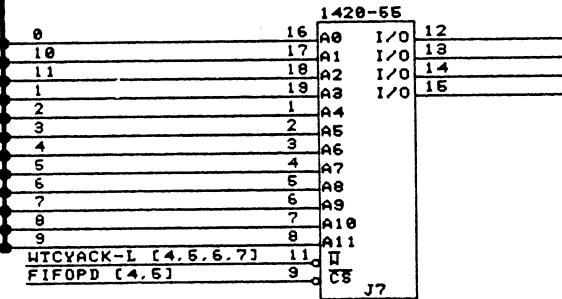
+5U C35 2 GND  
.047uF-50U



+5U C86 2 GND  
.047uF-50U



+5U C42 2 GND  
.047uF-50U



FIFD [5,6,7]

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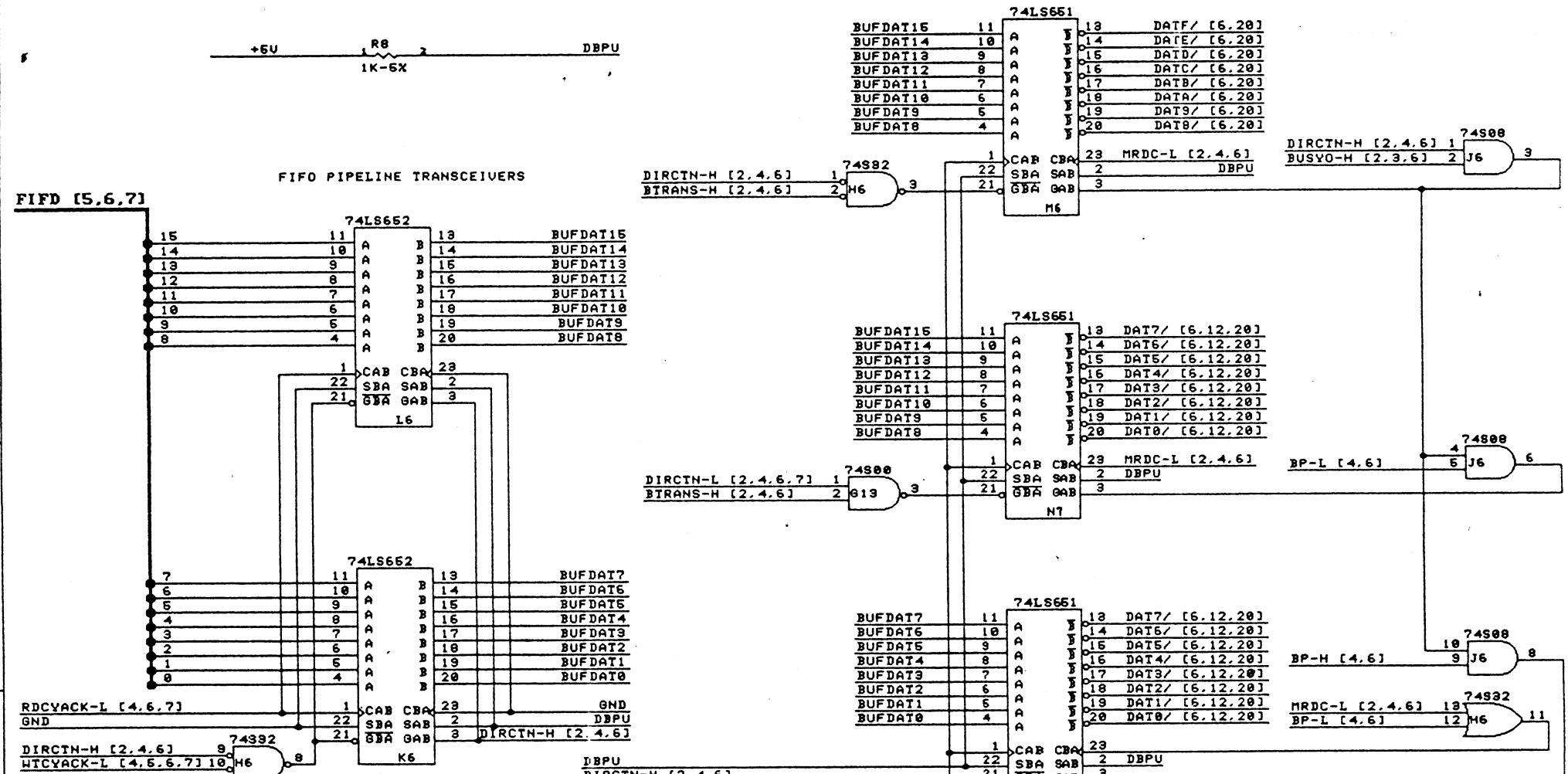
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COPY NO. 2714

TITLE: 451  
FIFO RAMS

| SIZE          | DRAWING NO. | REV |
|---------------|-------------|-----|
| B             | 300-160-400 | G   |
| SHEET 5 OF 21 | LEVEL 2     |     |

## MULTIBUS DATA TRANSCEIVERS



24582

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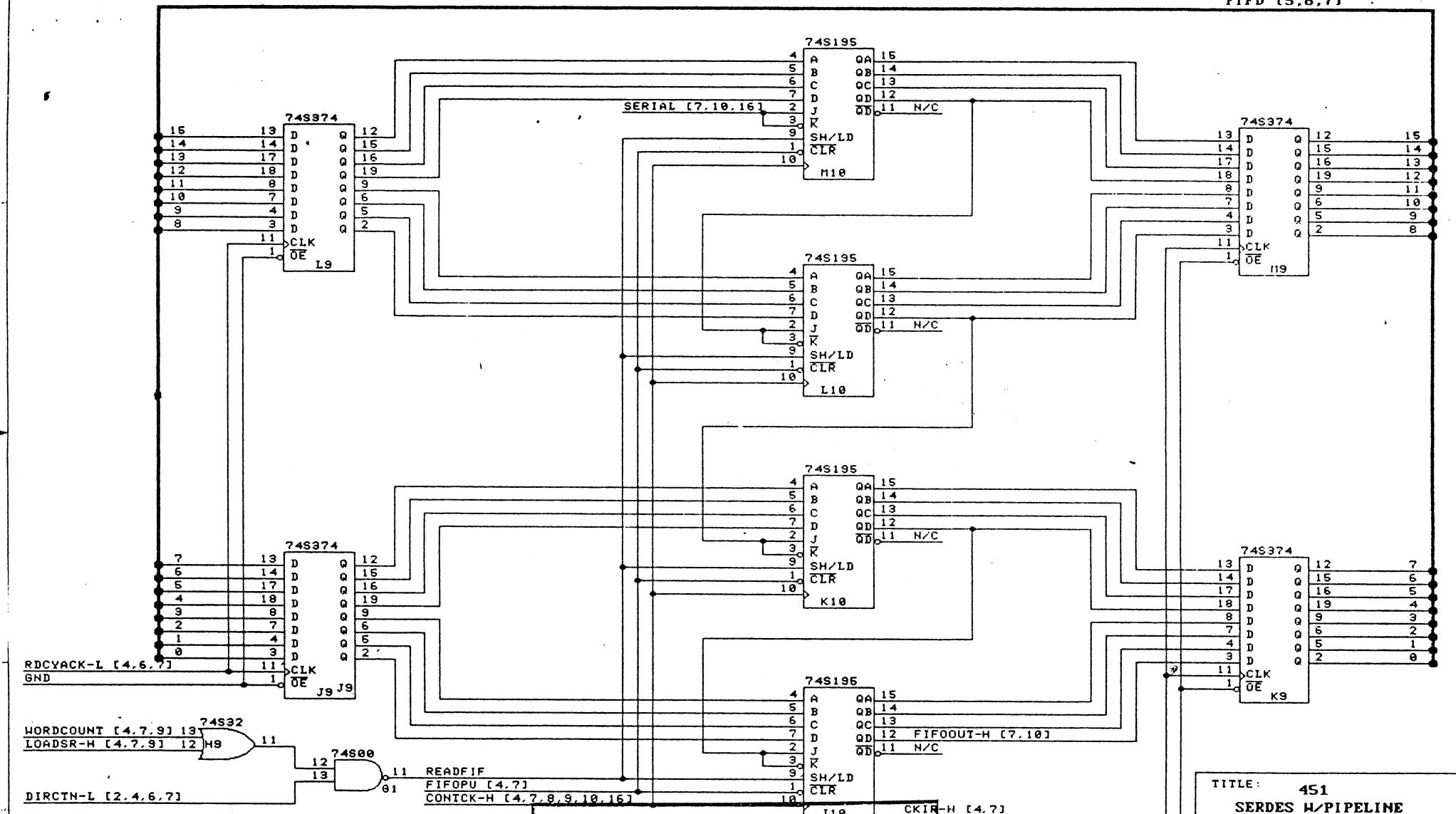
COPY NO. L714

TITLE: 451  
MR/FILED DATA BUS INTERFACE

|            |                            |            |
|------------|----------------------------|------------|
| SIZE<br>B  | DRAWING NO.<br>300-160-400 | REV<br>G   |
| SHEET<br>6 | OF 21                      | LEVEL<br>2 |

SHEET 6 OF 21 LEVEL 2

1



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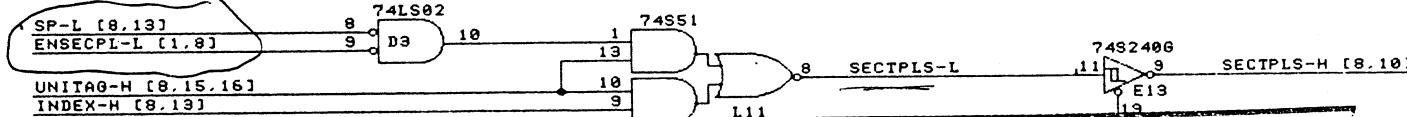
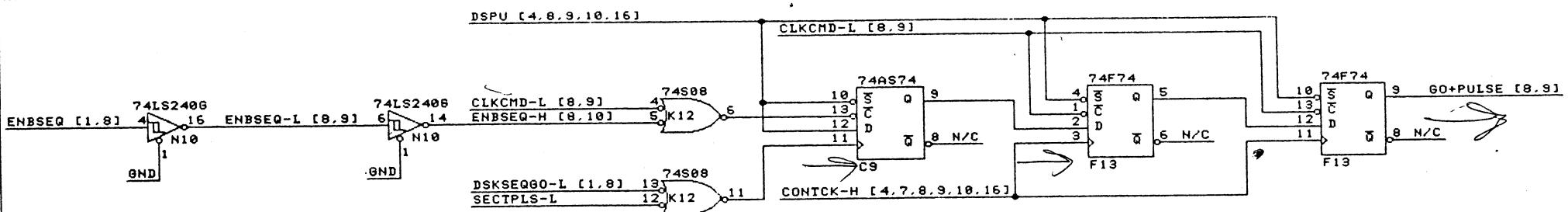
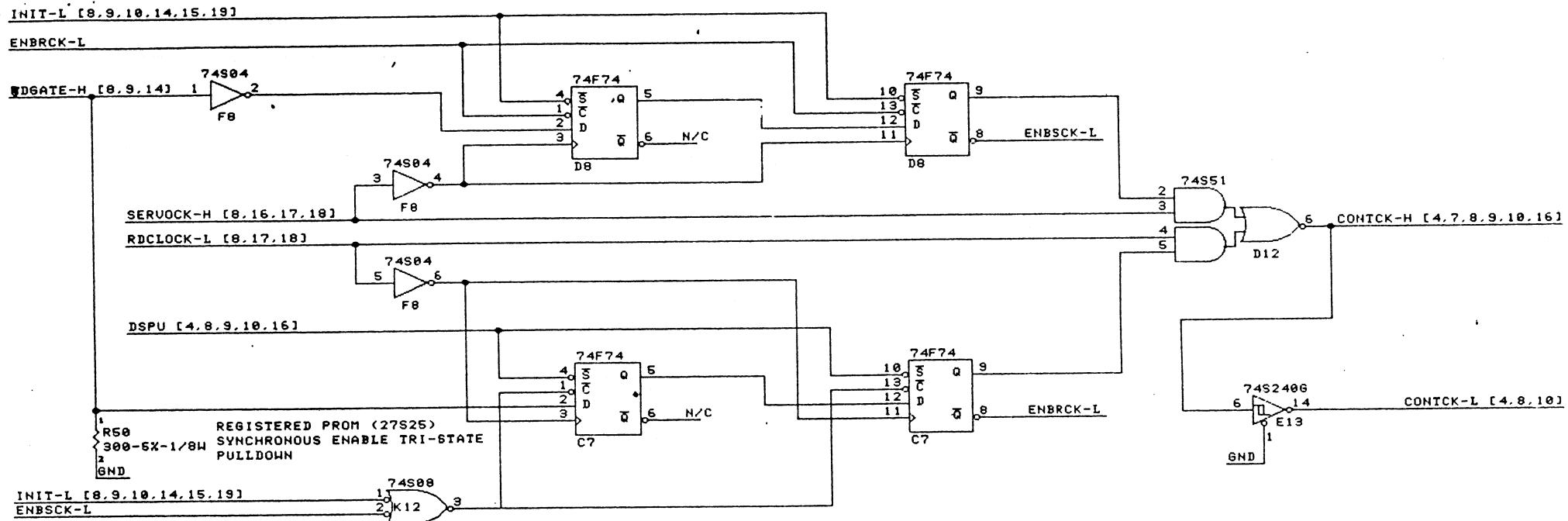
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COPY NO. 2914

TITLE: 451  
SERDES H/Pipeline

| SIZE          | DRAWING NO. | REV |
|---------------|-------------|-----|
| B             | 300-160-400 | G   |
| SHEET 7 OF 21 | LEVEL 2     |     |



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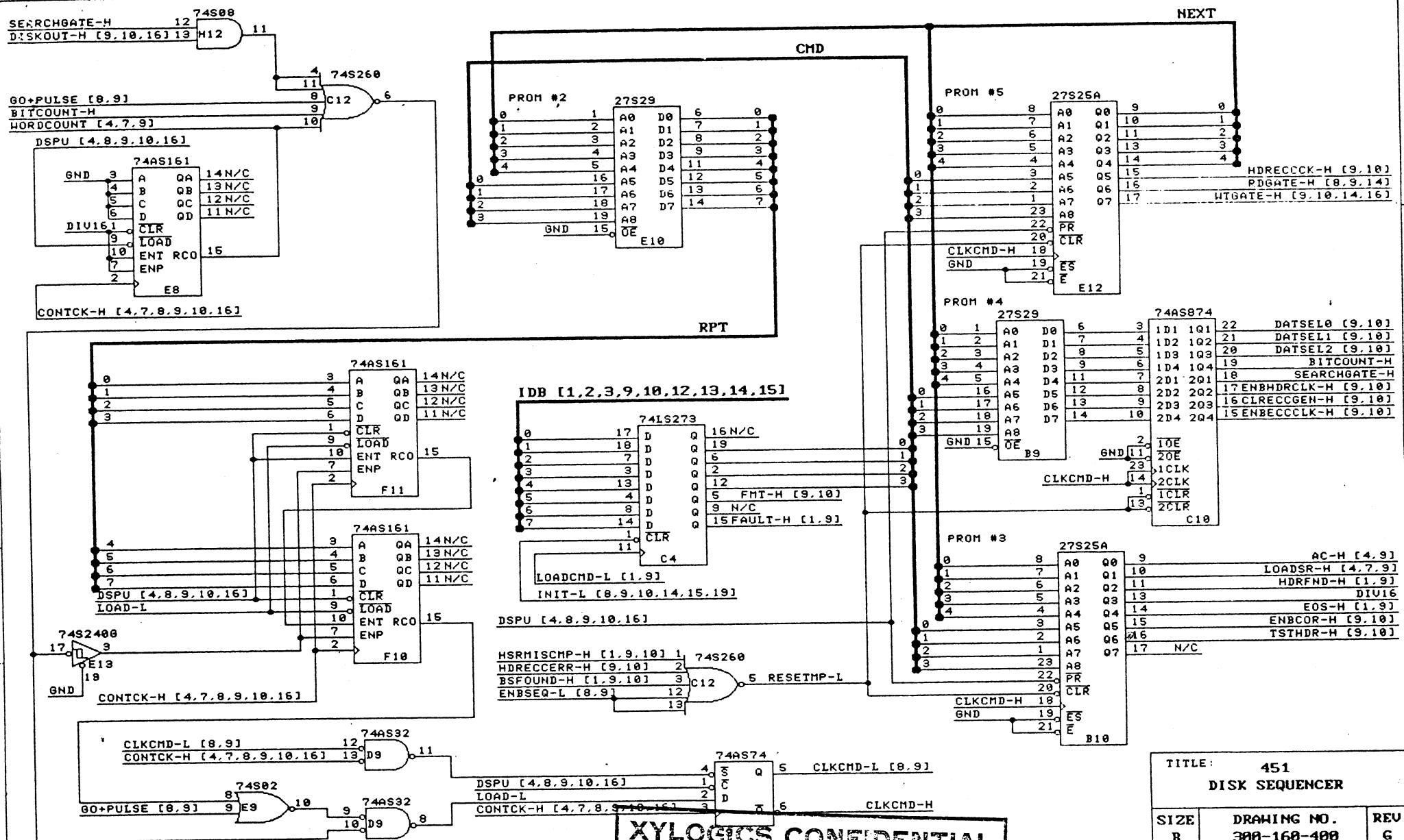
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COPY NO. L714

TITLE: 451  
CLOCK & EVENT SYNCHRONIZER

SIZE B DRAWING NO. 300-168-400 REV G

SHEET 8 OF 21 LEVEL 2



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DO NOT PULL

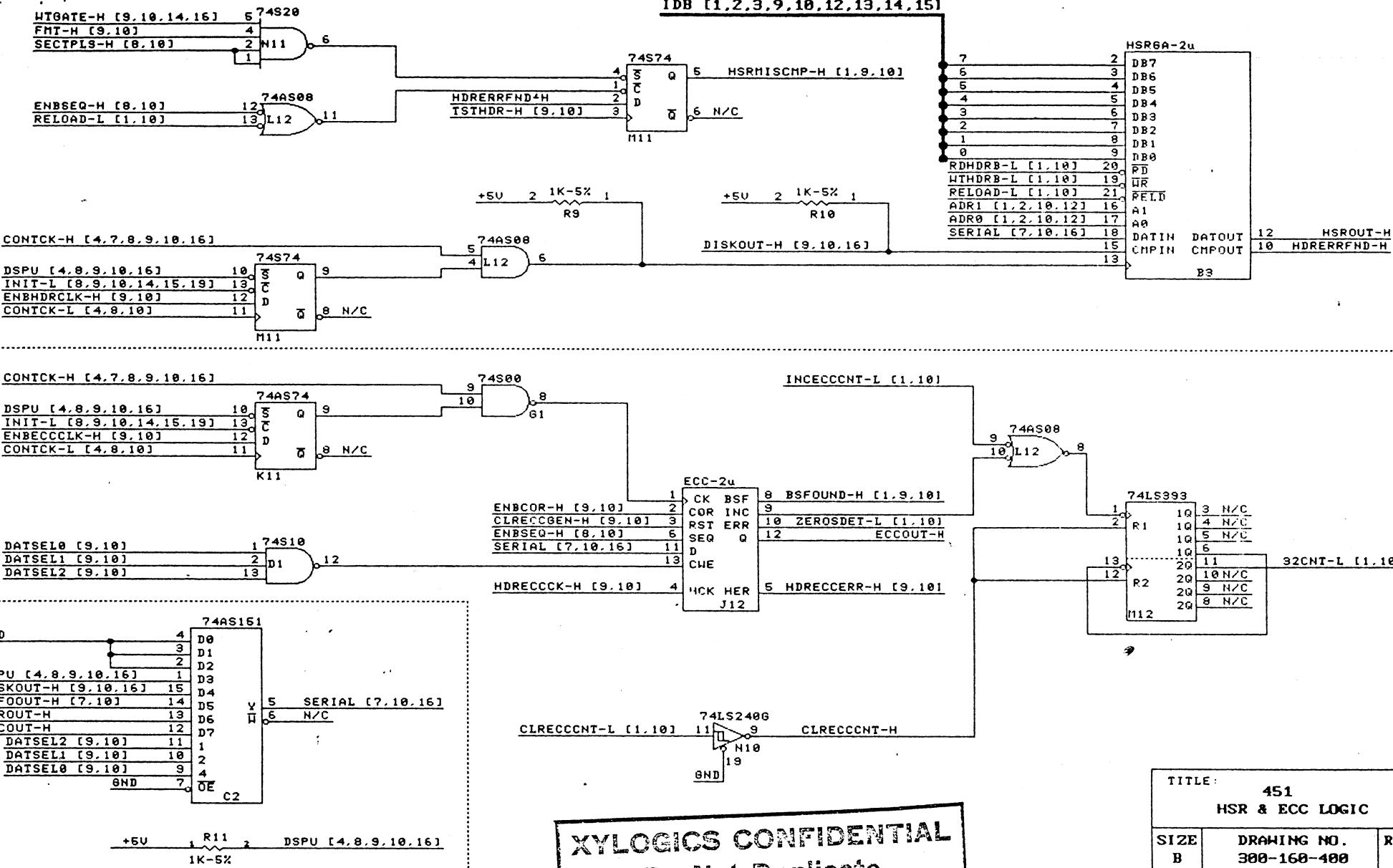
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CCPY NO. L914

TITLE: 451  
RISK SEQUENCER

|            |                            |            |
|------------|----------------------------|------------|
| SIZE<br>B  | DRAWING NO.<br>300-160-400 | REV<br>G   |
| SHEET<br>9 | OF 21                      | LEVEL<br>2 |

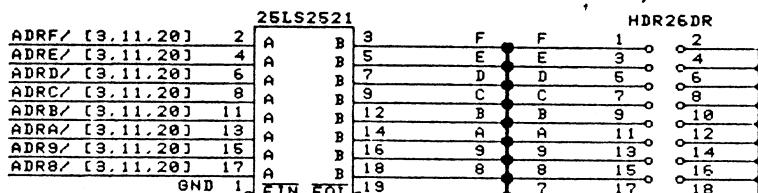
1



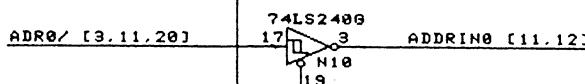
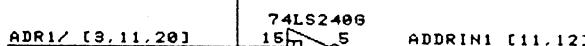
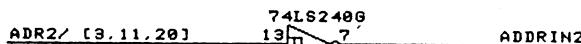
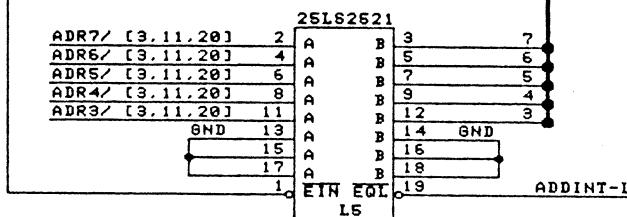
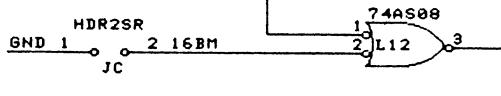
BASE ADDRESS JUMPERS

MULTIBUS ADDRESS BUS RECEIVERS/BUFFERS

INSTALL JUMPER FOR RESPECTIVE ADDRESS BIT ON.  
REMOVE JUMPER FOR BIT OFF.



8/16 BIT ADDRESSING MODE JUMPER  
INSTALL JUMPER FOR 8 BIT MODE  
REMOVE FOR 16 BIT MODE.

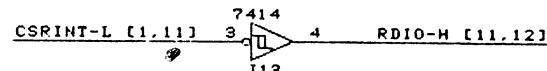
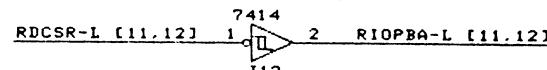
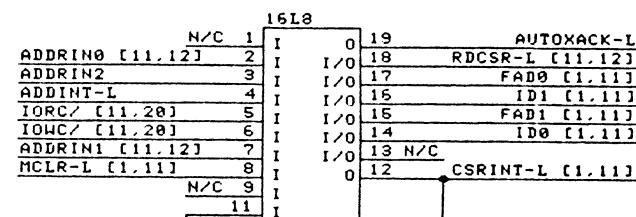


ADDINT-L 74S02 6 E9 4 74LS2406 8 E9 12 WT10-L [11,12]

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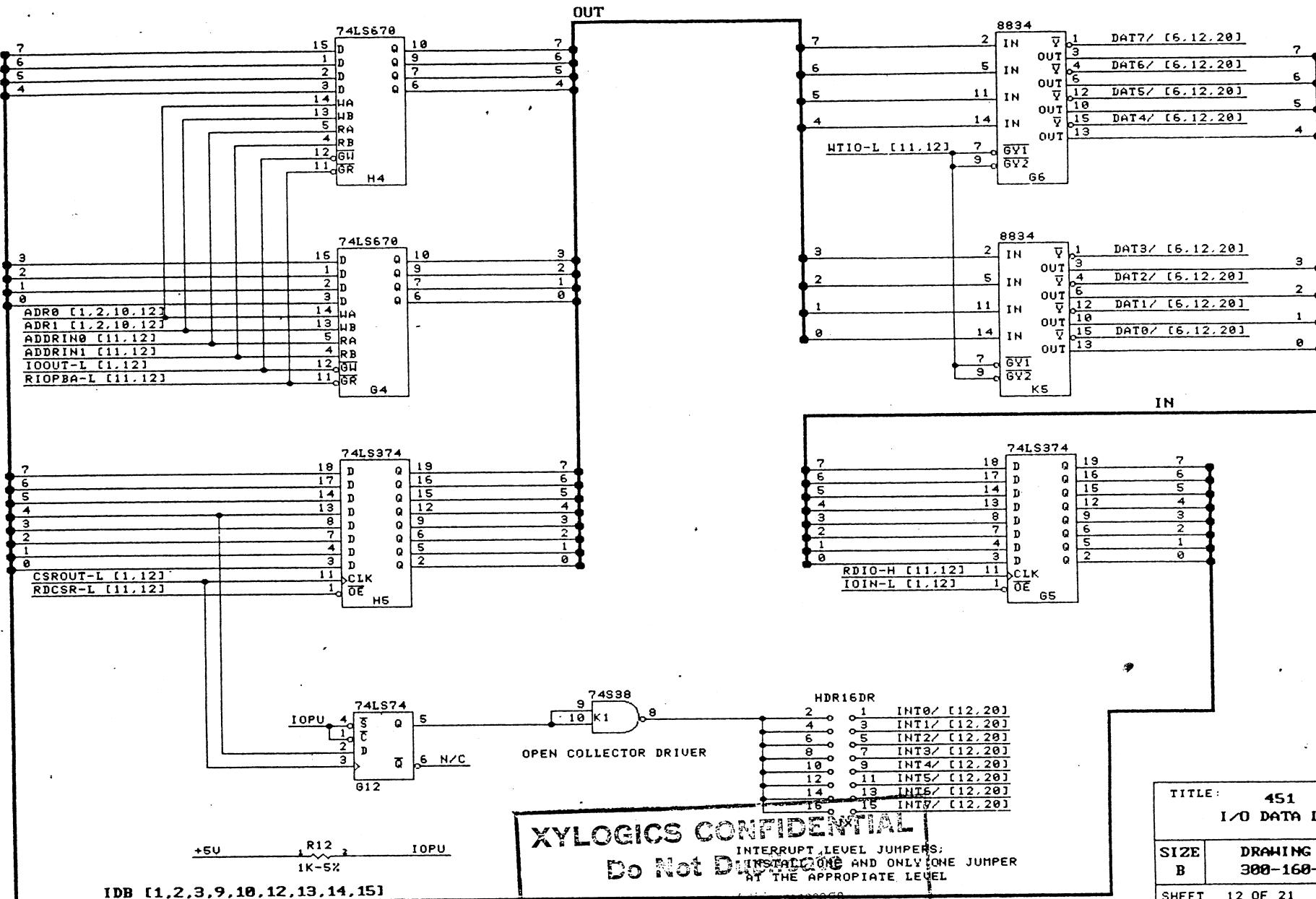
COPY NO. L714

USE PAL P/N 181-001-012



TITLE: 451  
I/O CONTROL LOGIC

|                |                            |          |
|----------------|----------------------------|----------|
| SIZE<br>B      | DRAWING NO.<br>300-160-400 | REV<br>G |
| SHEET 11 OF 21 |                            | LEVEL 2  |



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INTERRUPT LEVEL JUMPERS:  
UNINSTALL ONE AND ONLY ONE JUMPER  
AT THE APPROPRIATE LEVEL

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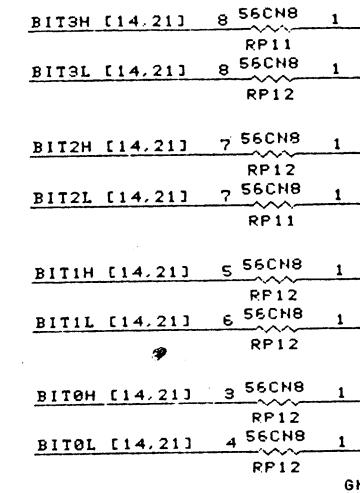
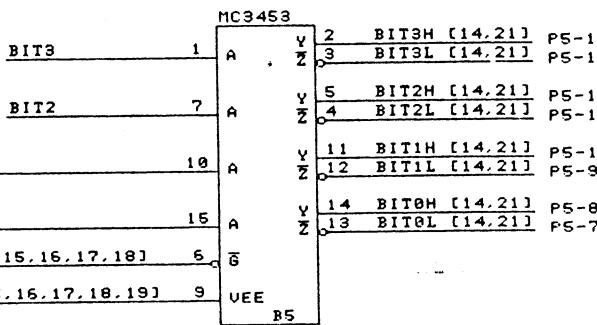
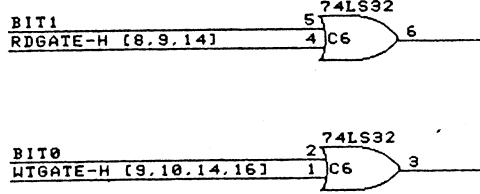
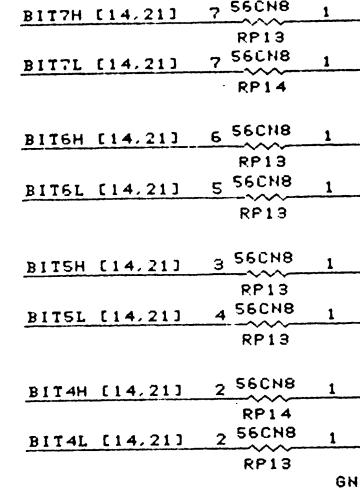
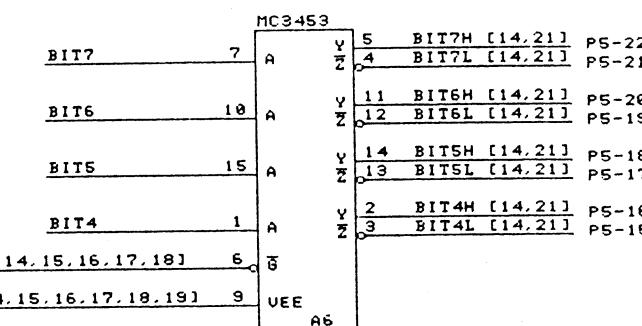
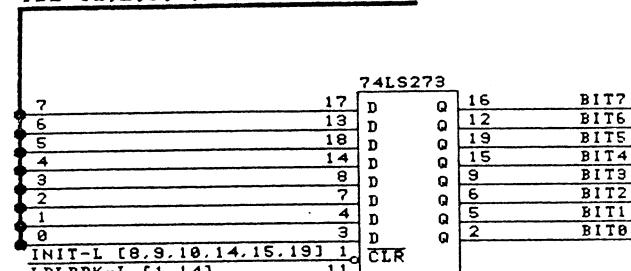
COPY NO. *2714*

TITLE: 451  
I/O DATA LOGIC

|                |                            |          |
|----------------|----------------------------|----------|
| SIZE<br>B      | DRAWING NO.<br>300-160-400 | REV<br>G |
| SHEET 12 OF 21 |                            | LEVEL 2  |



\$1DB [1,2,3,9,10,12,13,14,15]



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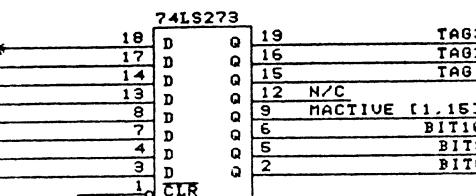
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COPY NO. L14

TITLE: 451  
1/2 'A CABLE' DRIVE & BIAS

|                |                         |         |
|----------------|-------------------------|---------|
| SIZE B         | DRAWING NO. 300-160-400 | REV G   |
| SHEET 14 OF 21 |                         | LEVEL 2 |

IDB [1,2,3,9,10,12,13,14,15]



INIT-L [8,9,10,14,15,19]

HDR8SR

+5V

R14  
1K-5%

JH

OPEN CABLE DETECT JUMPER:  
JUMPER 1&2 FOR OCD TO USE 451 RESET SIGNAL  
JUMPER 2&3 FOR OCD TO USE P2-18 SIGNAL

BIT10

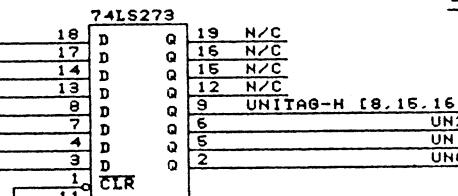
BIT9

BIT8

SMDPU [13,14,15,16,17,18]

-5V [13,14,15,16,17,18,19]

VEE



UNITAG-H [8,15,16] 4 UNITAG-L [13,15,16] 16

74S2406  
E13  
GND

MC3453

11 TAG3H [15,21] P5-6  
12 TAG3L [15,21] P5-5  
14 TAG2H [15,21] P5-4  
13 TAG2L [15,21] P5-9  
2 TAG1H [15,21] P5-2  
3 TAG1L [15,21] P5-1  
5 UNSELTAGH [15,21] P5-44  
4 UNSELTAGL [15,21] P5-43  
TAG2H [15,21] P5-3  
TAG2L [15,21] P5-4  
BIT8H [15,21] P5-1  
BIT8L [15,21] P5-1  
BIT9H [15,21] P5-5

RP11  
RP14  
RP14  
RP14  
RP14

MC3453

2 OCDH [15,21] P5-28  
3 OCDL [15,21] P5-27  
5 BIT10H [15,21] P5-60  
4 BIT10L [15,21] P5-59  
11 BIT9H [15,21] P5-26  
12 BIT9L [15,21] P5-25  
14 BIT8H [15,21] P5-24  
13 BIT8L [15,21] P5-23  
UNSELTAGH [15,21] P5-4  
UNSELTAGL [15,21] P5-3  
UNSEL14H [15,21] P5-7  
UNSEL14L [15,21] P5-6  
UNSEL12H [15,21] P5-5  
UNSEL12L [15,21] P5-4

RP12  
RP11  
RP23  
RP23  
RP21  
RP21  
RP29  
RP29  
RP28

MC3453

14UNSEL8H [15,21] P5-54  
13UNSEL8L [15,21] P5-53  
11UNSEL4H [15,21] P5-52  
12UNSEL4L [15,21] P5-51  
5UNSEL2H [15,21] P5-48  
4UNSEL2L [15,21] P5-47  
2UNSEL1H [15,21] P5-46  
3UNSEL1L [15,21] P5-45

RP13  
RP14  
GND  
RP21  
RP21  
RP21  
GND

TITLE: 451  
1/2 'A CABLE' DRIVE & BIAS

SIZE B DRAWING NO. 300-160-400 REV G

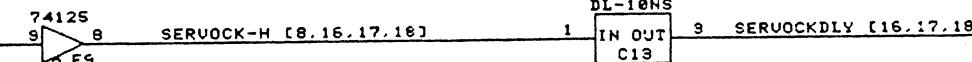
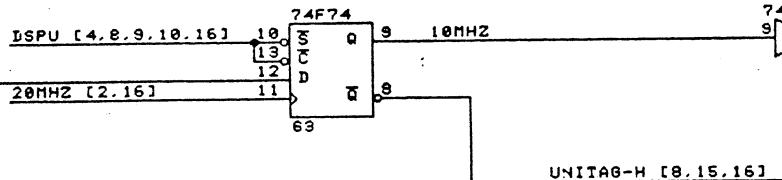
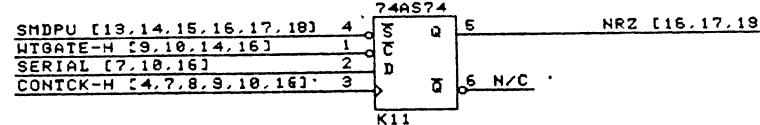
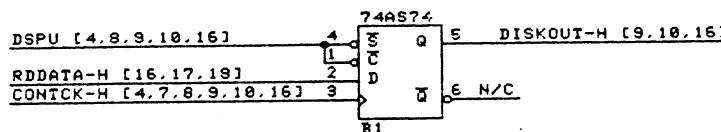
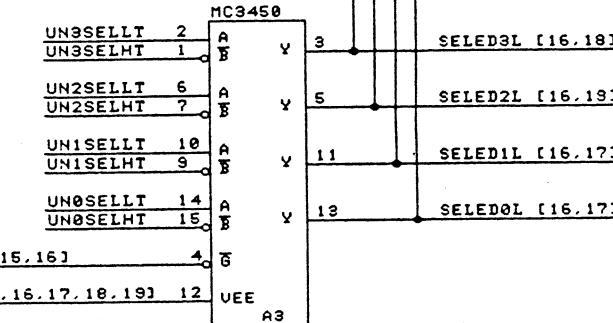
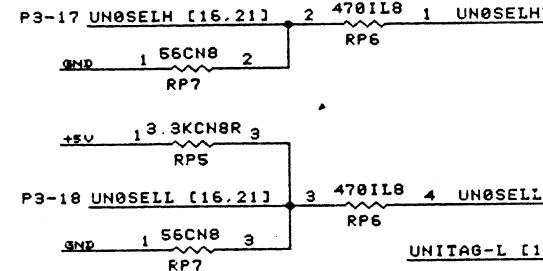
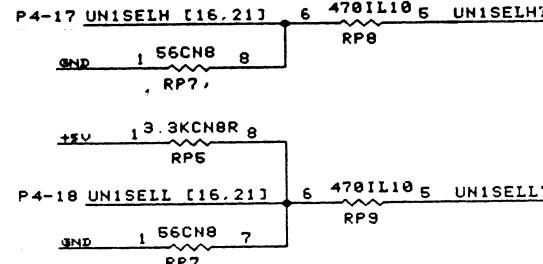
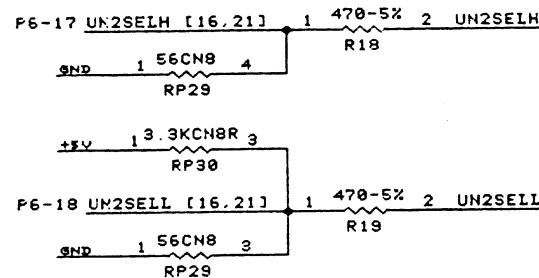
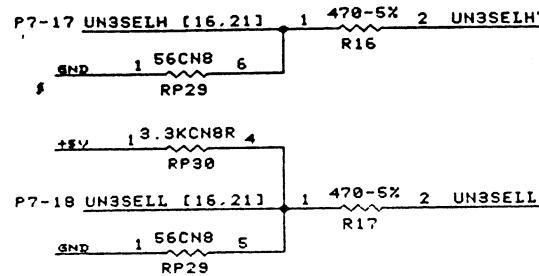
SHEET 15 OF 21 LEVEL 2

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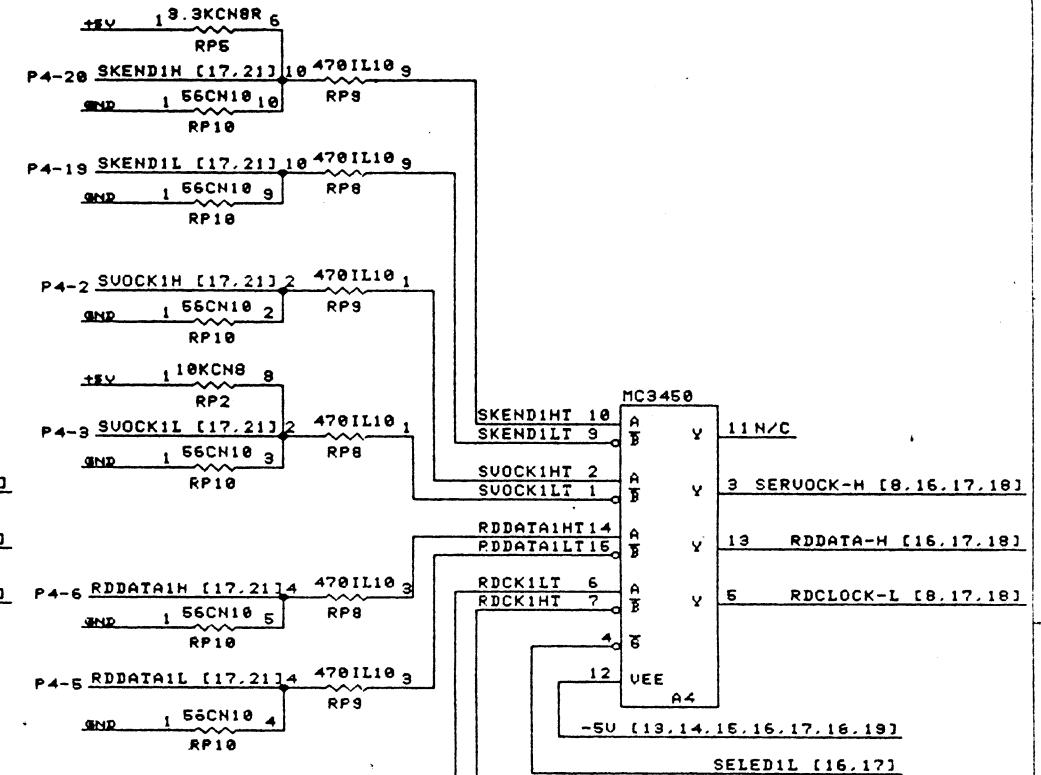
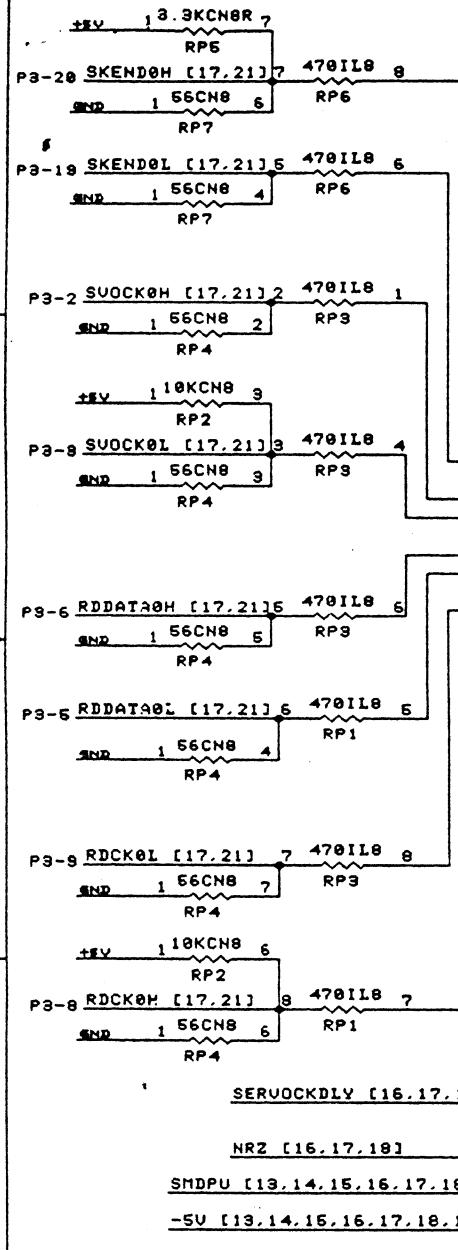


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TITLE: 451  
 COMMON 'B CABLE' LOGIC  
 SIZE B DRAWING NO. 300-160-400 REV G1  
 SHEET 16 OF 21 LEVEL 2

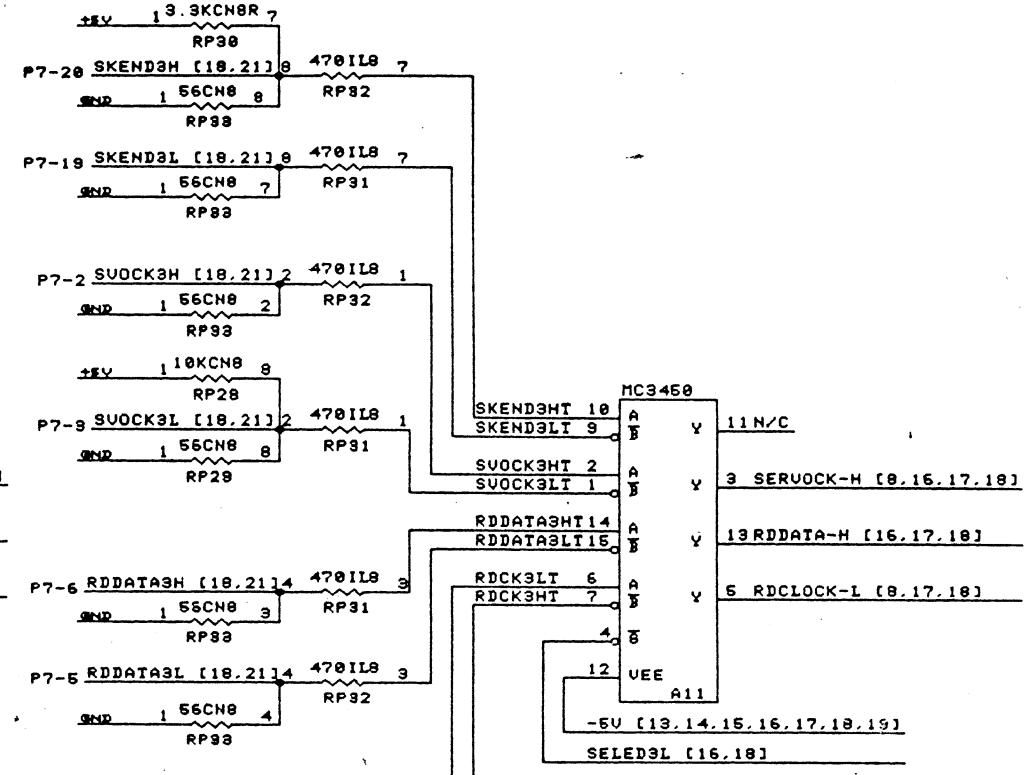
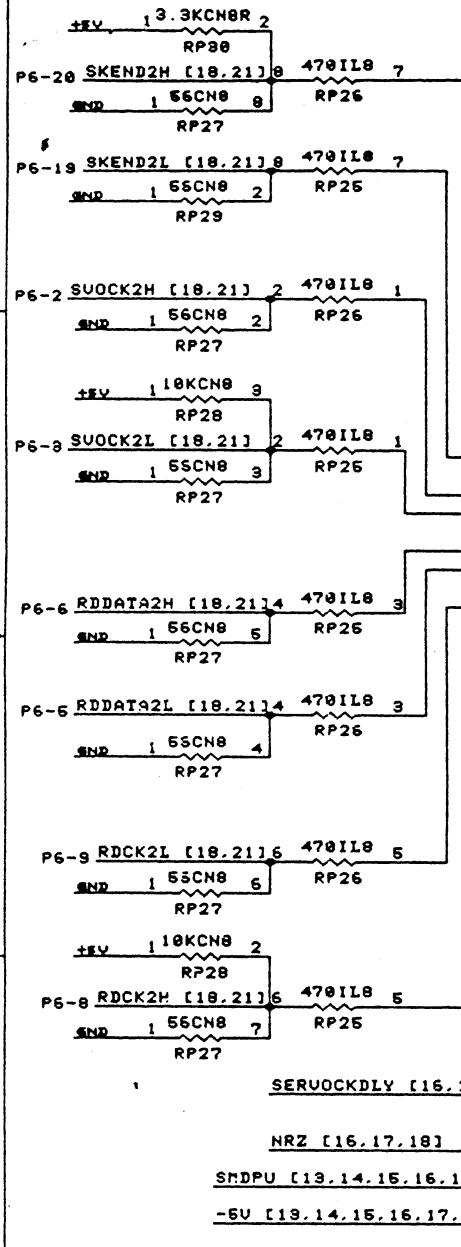


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|----------------------------|-------------------------|--------|
| TITLE: 451                 |                         |        |
| PORT 0 & 1 'B CABLE' RCURS |                         |        |
| SIZE B                     | DRAWING NO. 300-160-400 | REV G1 |
| SHEET 17 OF 21             | LEVEL 2                 | 1      |



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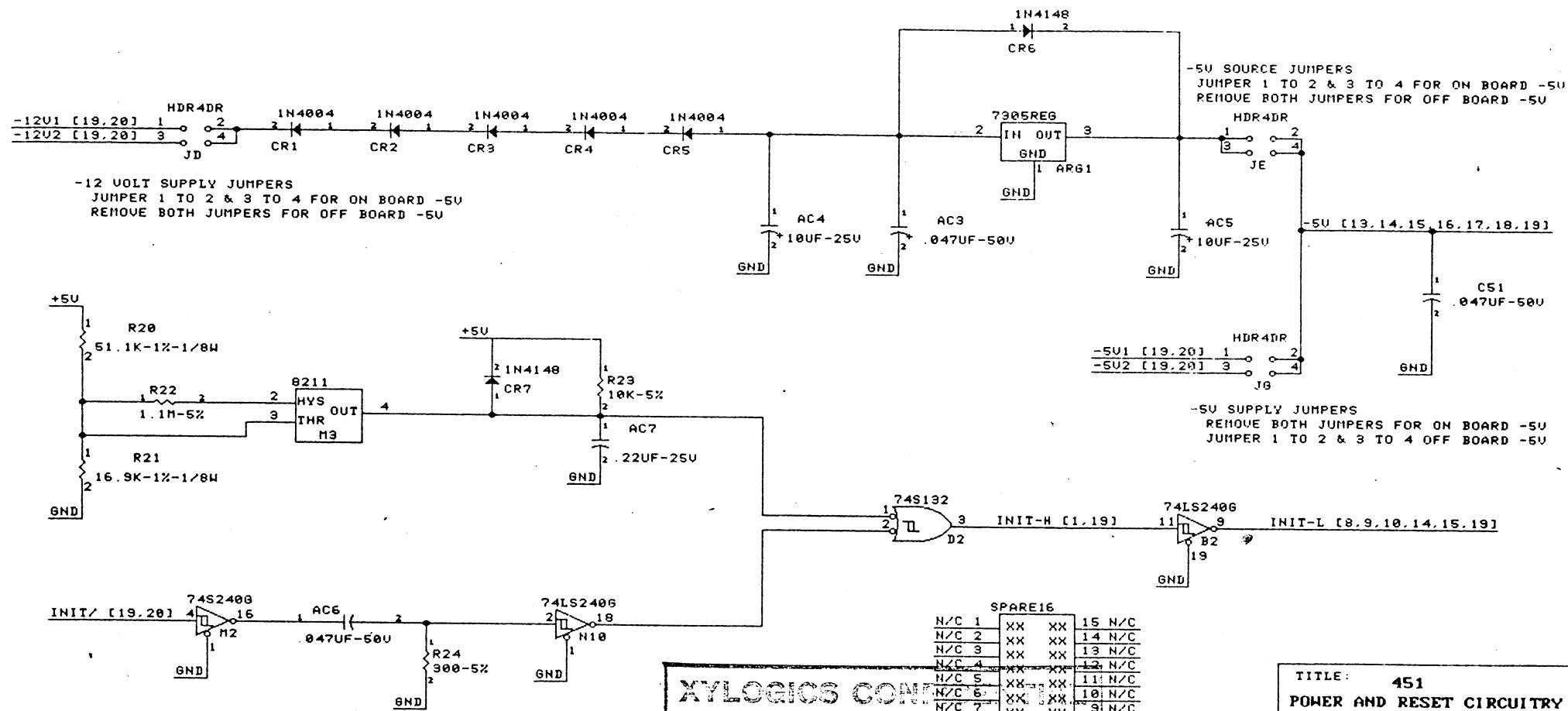
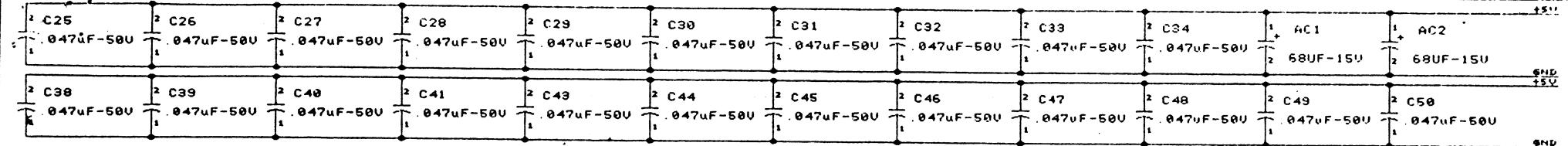
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TITLE: 451  
PORT 2 & 3 'B CABLE' RCURS

SIZE B DRAWING NO. 300-168-400 REV G1

SHEET 18 OF 21 LEVEL 2



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| SPARE16 |   |    |     |
|---------|---|----|-----|
| N/C     | 1 | XX | XX  |
| N/C     | 2 | XX | XX  |
| N/C     | 3 | XX | XX  |
| N/C     | 4 | XX | XX  |
| N/C     | 5 | XX | XX  |
| N/C     | 6 | XX | XX  |
| N/C     | 7 | XX | XX  |
|         |   |    | H11 |
|         |   |    |     |

TITLE: 451  
POWER AND RESET CIRCUITRY

SIZE B DRAWING NO. 300-160-400 REV G

SHEET 19 OF 21 LEVEL 2

## ECON86/156

|                 |    |       |    |                 |
|-----------------|----|-------|----|-----------------|
| GND             | 1  | GND   | 2  | GND             |
| +5V             | 3  | +5V   | 4  | +5V             |
| +5V             | 5  | +5V   | 6  | +5V             |
| N/C             | 7  | +12V  | 8  | N/C             |
| -5V1 [19.20]    | 9  | +12V  | 10 | -5V2 [19.20]    |
| GND             | 11 | GND   | 12 | GND             |
| BCLK/ [3.20]    | 13 | BCLK# | 14 | INIT/ [19.20]   |
| BPRN/ [3.20]    | 15 | BPRN# | 16 | BPRO/ [3.20]    |
| BUSY/ [3.20]    | 17 | BREQ# | 18 | BREQ/ [3.20]    |
| MRDC/ [3.20]    | 19 | MRDC# | 20 | MRTC/ [3.20]    |
| IORC/ [11.20]   | 21 | IORC# | 22 | IOHC/ [11.20]   |
| XACK/ [3.11.20] | 23 | XACK# | 24 | N/C             |
| N/C             | 25 | LOCK# | 26 | N/C             |
| BHEN/ [3.20]    | 27 | BHEN# | 28 | ADR10/ [3.20]   |
| CBRQ/ [3.20]    | 29 | CBRQ# | 30 | ADR11/ [3.20]   |
| N/C             | 31 | CCLK# | 32 | ADR12/ [3.20]   |
| N/C             | 33 | AD12# | 34 | ADR13/ [3.20]   |
| INT6/ [12.20]   | 35 | INTA# | 36 | INT7/ [12.20]   |
| INT4/ [12.20]   | 37 | INT6# | 38 | INT5/ [12.20]   |
| INT2/ [12.20]   | 39 | INT2# | 40 | INT3/ [12.20]   |
| INT0/ [12.20]   | 41 | INT1# | 42 | INT1/ [12.20]   |
| ADRE/ [3.11.20] | 43 | ADRF# | 44 | ADRF/ [3.11.20] |
| ADRC/ [3.11.20] | 45 | ADRD# | 46 | ADRD/ [3.11.20] |
| ADRA/ [3.11.20] | 47 | ADRB# | 48 | ADRB/ [3.11.20] |
| ADR8/ [3.11.20] | 49 | ADRS# | 50 | ADR9/ [3.11.20] |
| ADR6/ [3.11.20] | 51 | ADR7# | 52 | ADR7/ [3.11.20] |
| ADR4/ [3.11.20] | 53 | ADR5# | 54 | ADR5/ [3.11.20] |
| ADR2/ [3.11.20] | 55 | ADR3# | 56 | ADR3/ [3.11.20] |
| ADR0/ [3.11.20] | 57 | ADR1# | 58 | ADR1/ [3.11.20] |
| DATE/ [6.20]    | 59 | DATE# | 59 | DATE/ [6.20]    |
| DATC/ [6.20]    | 61 | DATC# | 62 | DATD/ [6.20]    |
| DATA/ [6.20]    | 63 | DATA# | 64 | DATB/ [6.20]    |
| DAT8/ [6.20]    | 65 | DAT8# | 66 | DAT9/ [6.20]    |
| DAT6/ [6.12.20] | 67 | DAT7# | 68 | DAT7/ [6.12.20] |
| DAT4/ [6.12.20] | 69 | DAT4# | 70 | DAT5/ [6.12.20] |
| DAT2/ [6.12.20] | 71 | DAT2# | 72 | DAT9/ [6.12.20] |
| DAT0/ [6.12.20] | 73 | DAT0# | 74 | DAT1/ [6.12.20] |
| GND             | 75 | GND   | 76 | GND             |
| N/C             | 77 |       | 78 | N/C             |
| -12V1 [19.20]   | 79 | -12U  | 80 | -12U2 [19.20]   |
| +5V             | 81 | +5U   | 82 | +5V             |
| +5V             | 83 | +5U   | 84 | +5V             |
| GND             | 85 | GND   | 86 | GND             |

P1

COMPONENT SIDE

SOLDER SIDE

## ECON60/100

|               |    |               |                 |
|---------------|----|---------------|-----------------|
| N/C           | 1  | 2             | H/C             |
| N/C           | 3  | 4             | H/C             |
| N/C           | 5  | 6             | H/C             |
| N/C           | 7  | 8             | H/C             |
| N/C           | 9  | 10            | H/C             |
| N/C           | 11 | 12            | H/C             |
| N/C           | 13 | 14            | H/C             |
| N/C           | 15 | 16            | H/C             |
| N/C           | 17 | 18            | ACLOH/ [15.20]  |
| N/C           | 19 | 20            | H/C             |
| N/C           | 21 | 22            | H/C             |
| N/C           | 23 | 24            | H/C             |
| N/C           | 25 | 26            | H/C             |
| N/C           | 27 | 28            | H/C             |
| N/C           | 29 | 30            | H/C             |
| N/C           | 31 | 32            | H/C             |
| N/C           | 33 | 34            | H/C             |
| N/C           | 35 | 36            | H/C             |
| N/C           | 37 | 38            | H/C             |
| N/C           | 39 | 40            | H/C             |
| N/C           | 41 | 42            | HACTIVE/ [1.20] |
| N/C           | 43 | 44            | H/C             |
| N/C           | 45 | 46            | H/C             |
| N/C           | 47 | 48            | H/C             |
| N/C           | 49 | 50            | H/C             |
| N/C           | 51 | 52            | H/C             |
| N/C           | 53 | 54            | H/C             |
| ADR15/ [3.20] | 55 | ADR17/ [3.20] |                 |
| ADR14/ [3.20] | 57 | ADR15/ [3.20] |                 |
| N/C           | 59 | ADR14/ [3.20] |                 |
|               |    | ADR15/ [3.20] |                 |
|               |    | 60            | H/C             |

P2

COMPONENT SIDE

SOLDER SIDE

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TITLE: 451  
MULTIBUS CONNECTORSSIZE B DRAWING NO. 300-160-400  
REV G

SHEET 20 OF 21 LEVEL 2

## CONNRA68/100

|                  |    |        |        |
|------------------|----|--------|--------|
| TAG1L [15.21]    | 1  | TAG1L  | TAG1H  |
| TAG2L [15.21]    | 3  | TAG2L  | TAG2H  |
| TAG3L [15.21]    | 5  | TAG3L  | TAG3H  |
| BIT0L [14.21]    | 7  | BIT0L  | BIT0H  |
| BIT1L [14.21]    | 9  | BIT1L  | BIT1H  |
| BIT2L [14.21]    | 11 | BIT2L  | BIT2H  |
| BIT3L [14.21]    | 13 | BIT3L  | BIT3H  |
| BIT4L [14.21]    | 15 | BIT4L  | BIT4H  |
| BIT5L [14.21]    | 17 | BIT5L  | BIT5H  |
| BIT6L [14.21]    | 19 | BIT6L  | BIT6H  |
| BIT7L [14.21]    | 21 | BIT7L  | BIT7H  |
| BIT8L [15.21]    | 23 | BIT8L  | BIT8H  |
| BIT9L [15.21]    | 25 | BIT9L  | BIT9H  |
| OCDL [15.21]     | 27 | OCDL   | OCDH   |
| FLTL [13.21]     | 29 | FLTL   | FLTH   |
| SKERRL [13.21]   | 31 | SKERL  | SKERH  |
| ONCYL [13.21]    | 33 | ONCYL  | ONCYH  |
| INDEXL [13.21]   | 35 | INDEXL | INDEXH |
| READYL [13.21]   | 37 | READYL | RDYH   |
| N/C 39           |    | AMFL   | AMFH   |
| DPBUSYL [13.21]  | 41 | DPBSYL | DPBSYH |
| UNSELAGL [15.21] | 43 | UNSLTL | UNSLTH |
| UNSELIL [15.21]  | 45 | UNSL1L | UNSL1H |
| UNSEL2L [15.21]  | 47 | UNSL2L | UNSL2H |
| SPL [13.21]      | 49 | SPL    | SPH    |
| UNSEL4L [15.21]  | 51 | UNSL4L | UNSL4H |
| UNSEL8L [15.21]  | 53 | UNSL8L | UNSL8H |
| WTPOTL [13.21]   | 55 | WTPRTL | WTPRTH |
| GND              | 57 | PICK   | HOLD   |
| BIT10L [15.21]   | 59 | SPAREL | SPAREH |

P5

## CONNRA26/100

|                  |    |          |        |
|------------------|----|----------|--------|
| GND              | 1  | SUOCKH   | GND    |
| SUOCK0L [17.21]  | 3  | SUOCKL   | GND    |
| RDDATA0L [17.21] | 5  | RDDATL   | RDDATH |
| GND              | 7  | GND      | RDCKH  |
| RDCKL            | 9  | RDCKL    | GND    |
| HTCK0L [17.21]   | 11 | HTCKL    | HTCKH  |
| GND              | 13 | GND      | HTDATH |
| HTDATA0L [17.21] | 15 | HTDATA1L | GND    |
| BIT0H [14.21]    | 16 | BIT0H    | GND    |
| UNSELH [16.21]   | 17 | UNSELH   | UNSELL |
| SKEND0L [17.21]  | 19 | SKENDL   | SKENDH |
| GND              | 21 | GND      | RINDXH |
| BIT2H [14.21]    | 22 | BIT2H    | GND    |
| BIT3H [14.21]    | 24 | BIT3H    | GND    |
| BIT4H [14.21]    | 25 | BIT4H    | GND    |
| BIT5H [14.21]    | 26 | BIT5H    | GND    |
| BIT6H [14.21]    | 27 | BIT6H    | GND    |
| BIT7H [14.21]    | 28 | BIT7H    | GND    |
| BIT8H [15.21]    | 29 | BIT8H    | GND    |
| BIT9H [15.21]    | 30 | BIT9H    | GND    |
| OCDH [15.21]     | 31 | OCDH     | GND    |
| FLTH [13.21]     | 32 | FLTH     | GND    |
| SKERRH [13.21]   | 33 | SKERRH   | GND    |
| ONCYH [13.21]    | 34 | ONCYH    | GND    |
| INDEXH [13.21]   | 35 | INDEXH   | GND    |
| READYH [13.21]   | 36 | READYH   | GND    |
| N/C 38           | 37 | N/C      | GND    |
| AMFH             | 38 | AMFH     | GND    |
| DPBSYH [13.21]   | 39 | DPBSYH   | GND    |
| UNSELTH [15.21]  | 40 | UNSELTH  | GND    |
| UNSEL1H [15.21]  | 41 | UNSEL1H  | GND    |
| UNSEL2H [15.21]  | 42 | UNSEL2H  | GND    |
| SPH [13.21]      | 43 | SPH      | GND    |
| UNSEL4H [15.21]  | 44 | UNSEL4H  | GND    |
| UNSEL8H [15.21]  | 45 | UNSEL8H  | GND    |
| WTPRTH [13.21]   | 46 | WTPRTH   | GND    |
| GND              | 47 | GND      | GND    |
| BIT10H [15.21]   | 48 | BIT10H   | GND    |

P3

## CONNRA26/100

|                   |    |          |        |
|-------------------|----|----------|--------|
| 2 SUOCK0H [17.21] | 1  | GND      | 1      |
| SUOCKL [17.21]    | 3  | GND      | 3      |
| RDDATA0H [17.21]  | 5  | RDDATL   | RDDATH |
| GND               | 7  | GND      | RDCKH  |
| RDCK0H [17.21]    | 9  | RDCK0H   | GND    |
| HTCK0H [17.21]    | 11 | HTCK0H   | HTCKH  |
| GND               | 13 | GND      | HTDATH |
| HTDATA0H [17.21]  | 15 | HTDATA1L | GND    |
| UNSELL [16.21]    | 17 | UNSELLH  | UNSELL |
| SKEND0H [17.21]   | 19 | SKENDL   | SKENDH |
| GND               | 21 | GND      | RINDXH |
| N/C 23            | 22 | N/C      | GND    |
| RSPH              | 24 | RSPH     | GND    |
| N/C 25            | 25 | N/C      | GND    |

P4

## CONNRA26/100

|                  |    |          |        |
|------------------|----|----------|--------|
| GND              | 1  | SUOCKH   | GND    |
| SUOCK2L [18.21]  | 3  | SUOCKL   | GND    |
| RDDATA2L [18.21] | 5  | RDDATL   | RDDATH |
| GND              | 7  | GND      | RDCKH  |
| RDCK2H [18.21]   | 9  | RDCK2H   | GND    |
| HTCK2L [18.21]   | 11 | HTCK2L   | HTCKH  |
| GND              | 13 | GND      | HTDATH |
| HTDATA2H [18.21] | 15 | HTDATA3L | GND    |
| UNSELH [16.21]   | 17 | UNSELH   | UNSELL |
| SKEND2L [18.21]  | 19 | SKENDL   | SKENDH |
| GND              | 21 | GND      | RINDXH |
| N/C 23           | 22 | N/C      | GND    |
| RSPH             | 24 | RSPH     | GND    |
| N/C 25           | 25 | N/C      | GND    |

P6

## CONNRA26/100

|                   |    |          |        |
|-------------------|----|----------|--------|
| 2 SUOCK2H [18.21] | 1  | GND      | 1      |
| SUOCK3L [18.21]   | 3  | GND      | 3      |
| RDDATA3L [18.21]  | 5  | RDDATL   | RDDATH |
| GND               | 7  | GND      | RDCKH  |
| RDCK3H [18.21]    | 9  | RDCK3H   | GND    |
| HTCK3L [18.21]    | 11 | HTCK3L   | HTCKH  |
| GND               | 13 | GND      | HTDATH |
| HTDATA2H [18.21]  | 15 | HTDATA3L | GND    |
| UNSELH [16.21]    | 17 | UNSELH   | UNSELL |
| SKEND2H [18.21]   | 19 | SKENDL   | SKENDH |
| GND               | 21 | GND      | RINDXH |
| N/C 23            | 22 | N/C      | GND    |
| RSPH              | 24 | RSPH     | GND    |
| N/C 25            | 26 | N/C      | GND    |

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TITLE: 451  
SMD CONNECTORS

| SIZE | DRAWING NO. | REV |
|------|-------------|-----|
| B    | 300-160-400 | G   |

| SHEET | 21 OF 21 | LEVEL |
|-------|----------|-------|
|       |          | 2     |

1

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